See reverse side for additional information.

Interagency Report Control I 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 31-R-0014 CUSTOMER NO. 216

FORM APPROVED OMB NO. 0579-0036

## ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 OHIO STATE UNIVERSITY THE

OHIO STATE UNIVERSITY THE 313 RESEARCH FOUNDATION 1960 KENNY ROAD COLUMBUS, OH 43210

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

(b)(2)High, (b)(7)(F)

| A.  Animals Covered By The Animal Welfare Regulations | B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes. | C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs. | D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used. | E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report) | F.  TOTAL NO.  OF ANIMALS  (Cols. C +  D + E) |
|---|---|---|---|--|---|
| 4. Dogs   | 50  | 28  | 186   |  | 214   |
| 5. Cats   | 45  |   | 118   |  | 118   |
| 6. Guinea Pigs  | 21  | 220   | 263   |  | 483   |
| 7. Hamsters   | 452   | 105   | 979   | 168  | 1252  |
| 8. Rabbits  | 89  | 102   | 259   |  | 361   |
| 9. Non-Human Primates                                 | 1   | 13  | 24  |  | 37  |
| 10. Sheep   | 5   |   | 29  |  | 29  |
| 11. Pigs  | 30  | 37  | 386   |  | 423   |
| 12. Other Farm Animals                                |   |   |   |  |   |
| Chickens  | 1   | 2   |   |  | 2   |
| 13. Other Animals                                     |   |   | 4   |  |   |
| Alpacas   | 15  |   | 3   |  | 3   |
| Bats  |   | 10_   |   |  | 10  |
| Chinchills  |   |   | 39  |  | 39  |

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

(b)(6), (b)(7)(c)

11/30/2005
PART 1 - HEADQUARTERS

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

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See reverse side for additional information.

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UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 31-R-0014 CUSTOMER NO. 216 FORM APPROVED OMB NO. 0579-0036

## CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

OHIO STATE UNIVERSITY THE 313 RESEARCH FOUNDATION 1960 KENNY ROAD COLUMBUS, OH 43210

| REPORT OF ANIMALS USED BY                            | OR UNDER CONTROL O  | F RESEARCH FACILITY   | (Attach additional sheets if neces  | ssary or use this form.)   | <del></del>                               |
|--|---|---|---|--|---|
| A. Animals Covered By The Animal Welfare Regulations | B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes. | C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs. | D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used. | E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report) | F. TOTAL NO. OF ANIMALS (Cols. C + D + E) |
| Cows   |   | 2   | 66  |  | 68  |
| Horses   | 66  |   | 136   |  | 136                                       |
| Goats  |   |   | 4   |  | . 4                                       |
| Deer Mice  | 372   |   | 937   | 949  | 1886                                      |
| Frogs  |   | 8   | 87  |  | 95  |
| Geribils   | 124   | 48  |   |  | 48  |
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- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

| CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL                      |
|---|
| (Chief Executive Officer or Legally Responsible Institutional official)       |
| Legrify that the above is true, correct, and complete (7 U.S.C. Section 2143) |

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

(b)(6), (b)(7)(c)

11/30/2005

## APHIS Form 7023 Column E Explanation

This form is intended as an aid to completing the APHIS Form 7023 Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

| 1. | Registration Numb | er: |
|----|-------------------|-----|
|    |                   |     |

31-R-0014

2/3. Species (common name) & Number of animals used in this study:

Hamsters (168)

Deer Mice (949)

4. Explain the procedure producing pain and/or distress.

The resident-intruder paradigm will be used. Hamesters

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

Aggression is the purpose of the study as we are studying nNOS regulations. Hamesters

6. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):

Agency:

CFR:

## **APHIS Form 7023 Additional Reported Sites**

The following additional sites have been reported by the facility. The reported sites have not been verified by APHIS and have been provided by the facility solely for completeness of the APHIS Form 7023 Annual Reporting submission.

Registration Number:

31-R-0014

Customer Number:

216

Facility:

OHIO STATE UNIVERSITY THE

(b)(7)(F), (b)(2)High

(b)(2)High, (b)(7)f